

<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	<b>Docket Number (Optional)</b> COHL-3643	<b>Application Number</b> NEW
	<b>Applicant(s)</b> Andrea Caprara et al.	
	<b>Filing Date</b> HEREWITH 10/28/2003	<b>Group Art Unit</b> Unknown

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AM	*AA	5,050,179	09/17/1991	Mooradian	372	44	04/20/1989
AM	*AB	5,131,002	07/14/1992	Mooradian	372	50	02/12/1991
AM	*AC	5,289,485	02/22/1994	Mooradian	372	45	12/22/1992
AM	*AD	5,436,920	07/25/1995	Minemoto et al.	372	21	05/18/1994
AM	*AE	5,461,637	10/24/1995	Mooradian et al.	372	92	03/16/1994
AM	*AF	5,627,853	05/06/1997	Mooradian et al.	372	92	03/16/1995
AM	*AG	6,285,702	09/04/2001	Caprara, et al.	372	92	03/05/1999

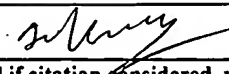
### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AM	*AH	DE 25 22 338 A1	12/04/1975	Germany	H01S	3/10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	*AI	WO 93/14542 A1	07/22/1993	PCT	H01S	3/109	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	*AJ	DE 42 28 862 A1	03/03/1994	Germany	H01S	3/109	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	*AK	WO 94/15386 A1	07/07/1994	PCT	H01S	3/094	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	*AL	DE 43 15 580 A1	11/17/1994	Germany	H01S	3/043	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	*AM	WO 95/25366 A2	09/21/1995	PCT	H01S	3/085	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM	*AN	WO 98/43329	10/01/1998	PCT	H01S	3/085	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

AM	*AO	J.V. Sandusky et al., "A CW External-Cavity Surface-Emitting Laser," <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 3, March 1996, pp. 313-315.
AM	*AP	M. Kuznetsov et al., "High-Power (>0.5-W CW) Diode-Pumped Vertical-External-Cavity Surface-Emitting Semiconductor Lasers with Circular TEM <sub>00</sub> Beams," <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 8, August 1997, pp. 1063-1065.
AM	*AQ	A. Rosiewicz et al., "Optical pumping improves VCSEL performance," <i>Laser Focus World</i> , June 1997, pp. 133-136.
AM	*AR	W.J. Alford et al., "Intracavity frequency doubling of an optically-pumped, external-cavity surface-emitting semiconductor laser," <i>Advanced Solid State Laser Conference, Sandia National Laboratories, SAND-98-2108C, CONF-990105</i> , December 31, 1998, 5 pages in length.
AM	*AS	Wang-Hua Xiang et al., "Femtosecond external-cavity surface-emitting InGaAs/InP multiple-quantum-well laser," <i>Optics Letters</i> , Vol. 16, No. 18, September 15, 1991, pp. 1394-1396.
AM	*AT	PCT International Search Report, mailed February 25, 2000, for International Application No. PCT/US99/24303, filed October 18, 1999, 7 pages in length.

<b>Examiner</b> 	<b>Date Considered</b> 8/1/6/05
<b>Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b>	



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) <b>COHL-3643</b>	Application Number <b>10/695,583</b>
	Applicant(s) <b>Andrea Caprara et al.</b>	
	Filing Date <b>October 28, 2003</b>	Group Art Unit <b>2828</b>

#### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	*AA	5,050,179	09/17/1991	Mooradian	372	44	04/20/1989
	*AB	5,131,002	07/14/1992	Mooradian	372	50	02/12/1991
	*AC	5,289,485	02/22/1994	Mooradian	372	45	12/22/1992
	*AD	5,436,920	07/25/1995	Minemoto et al.	372	21	05/18/1994
	*AE	5,461,637	10/24/1995	Mooradian et al.	372	92	03/16/1995
	*AF	5,627,853	05/06/1997	Mooradian et al.	372	92	03/16/1995
	*AG	5,991,318	11/23/1999	Caprara et al.	372	22	10/23/1998
	*AH	6,285,702	09/04/2001	Caprara, et al.	372	92	03/05/1999

#### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AI	DE 25 22 338 A1	12/04/1975	Germany	H01S	3/10		+
	AJ	WO 93/14542 A1	07/22/1993	PCT	H01S	3/109		
	AK	DE 42 28 862 A1	03/03/1994	Germany	H01S	3/109		+
	AL	WO 94/15386 A1	07/07/1994	PCT	H01S	3/094		
	AM	DE 43 15 580 A1	11/17/1994	Germany	H01S	3/043		+
	AN	WO 95/25366 A2	09/21/1995	PCT	H01S	3/085		
	AO	WO 98/43329	10/01/1998	PCT	H01S	3/085		

+ See "AV" Search Report below

#### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	J.V. Sandusky et al., "A CW External-Cavity Surface-Emitting Laser," <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 3, March 1996, pp. 313-315.
	AQ	M. Kuznetsov et al., "High-Power (>0.5-W CW) Diode-Pumped Vertical-External-Cavity Surface-Emitting Semiconductor Lasers with Circular TEM <sub>00</sub> Beams," <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 8, August 1997, pp. 1063-1065.
	AR	A. Rosiewicz et al., "Optical pumping improves VCSEL performance," <i>Laser Focus World</i> , June 1997, pp. 133-136.
	AS	W.J. Alford et al., "Intracavity frequency doubling of an optically-pumped, external-cavity surface-emitting semiconductor laser," <i>Advanced Solid State Laser Conference, Sandia National Laboratories</i> , SAND-98-2108C, CONF-990105, December 31, 1998, 5 pages in length.
	AT	Wang-Hua Xiang et al., "Femtosecond external-cavity surface-emitting InGaAs/InP multiple-quantum-well laser," <i>Optics Letters</i> , Vol. 16, No. 18, September 15, 1991, pp. 1394-1396.
	AU	A.H. Paxton et al., "Design of external cavities for vertical-cavity semiconductor lasers," <i>Proceedings of the SPIE - The International Society for Optical Engineering</i> , 1993, Vol. 1868, pp. 235-243.
	AV	PCT International Search Report, mailed February 25, 2000, for International Application No. PCT/US99/24303, filed October 18, 1999, 7 pages in length.

Examiner <i>Jerry</i>	Date Considered <i>8/16/03</i>
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	